

FIG. 1

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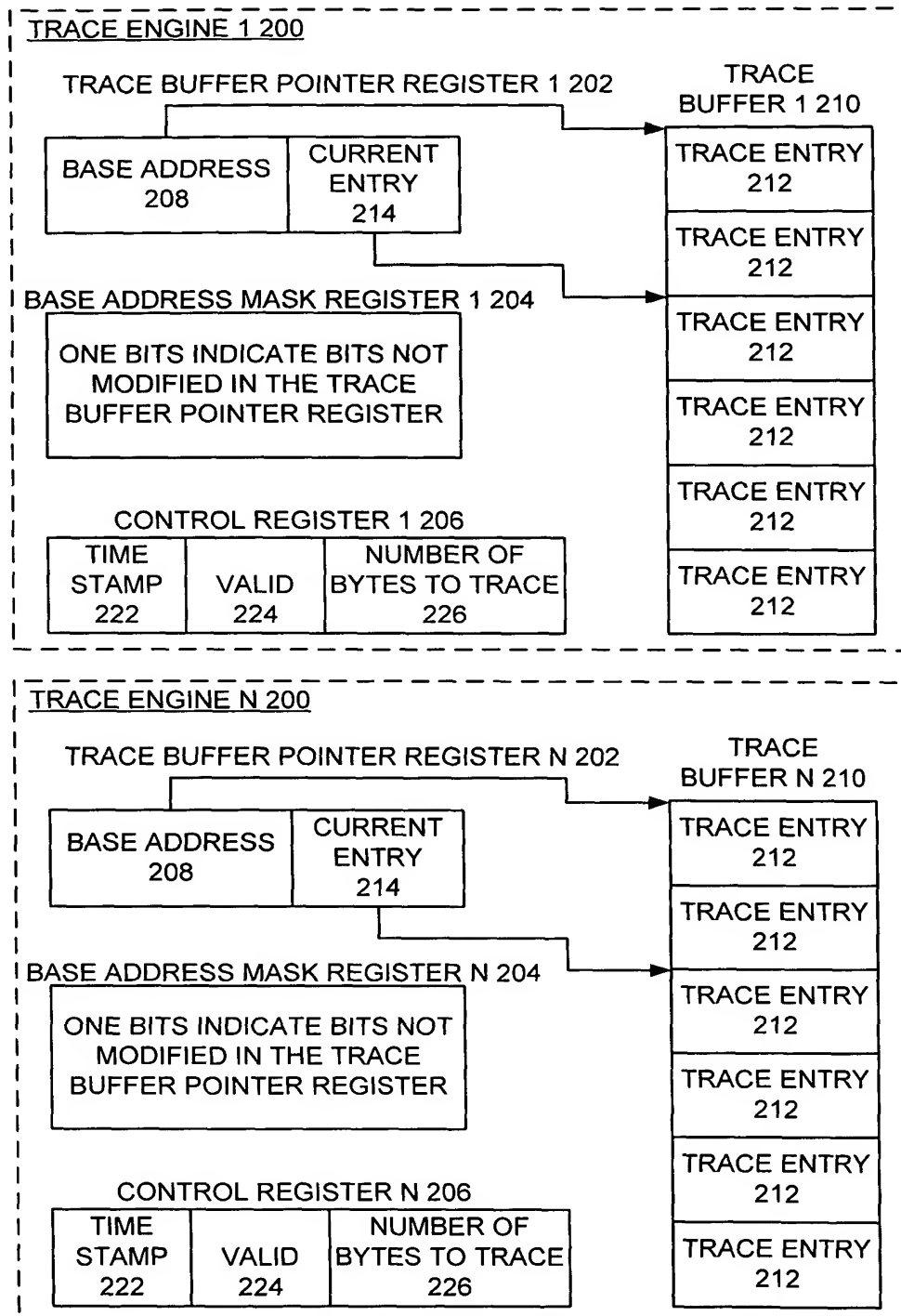


FIG. 2

APU TRACE INSTRUCTION FORMAT 300

| | | | | | |
|----------------|-----------|-----------|-----------|-------------------------|----------|
| OP CODE 302 | RS 304 | RA 306 | NB 308 | EXTENDED OP CODE 310 | X 312 |
|----------------|-----------|-----------|-----------|-------------------------|----------|

OP CODE 302 - PRIMARY OP CODE FOR THE INSTRUCTION

RS 304 - GENERAL PURPOSE REGISTER (GPR) CONTAINING AN INDEX INDICATING WHICH TRACE ENGINE TO USE.

RA 306 - GPR INDICATING THE FIRST GPR CONTAINING DATA TO BE WRITTEN INTO THE CURRENT TRACE ENTRY.

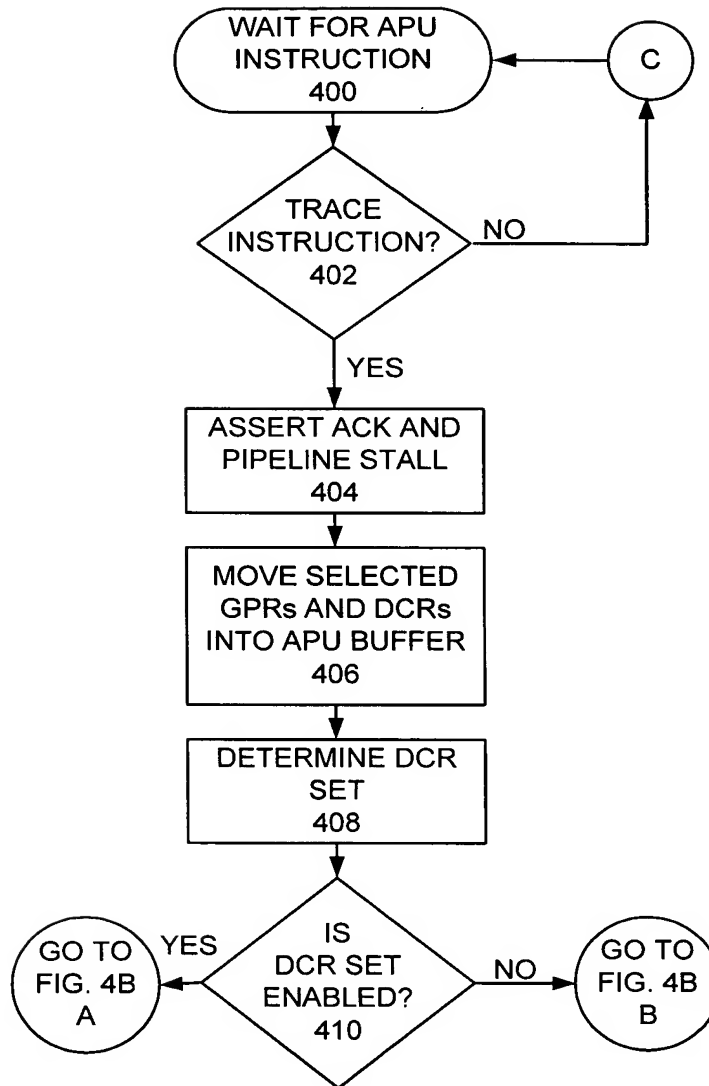
NB 308 - NUMBER OF BYTES TO BE WRITTEN INTO THE CURRENT TRACE ENTRY. (ALTERNATIVE IMPLEMENTATION)

EXTENDED OP CODE 310- EXTENDED OP CODE OF THE INSTRUCTION

X 312 - THIS FIELD IS NOT USED

FIG. 3

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FIG. 4A

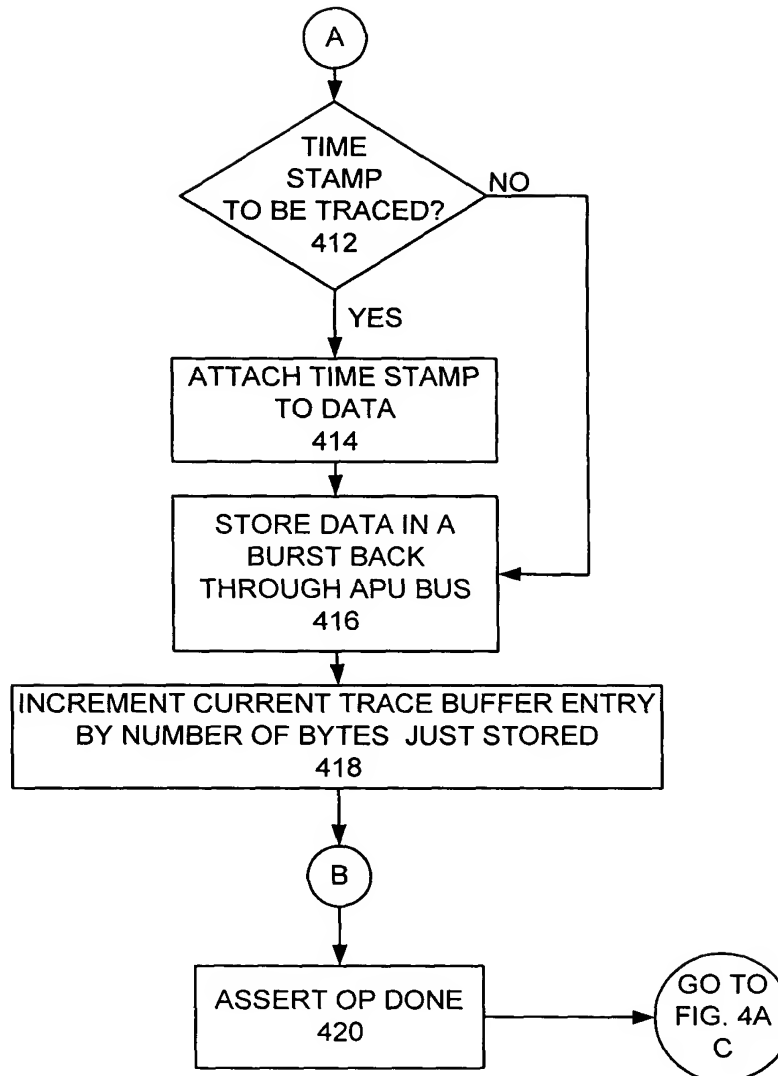


FIG. 4B

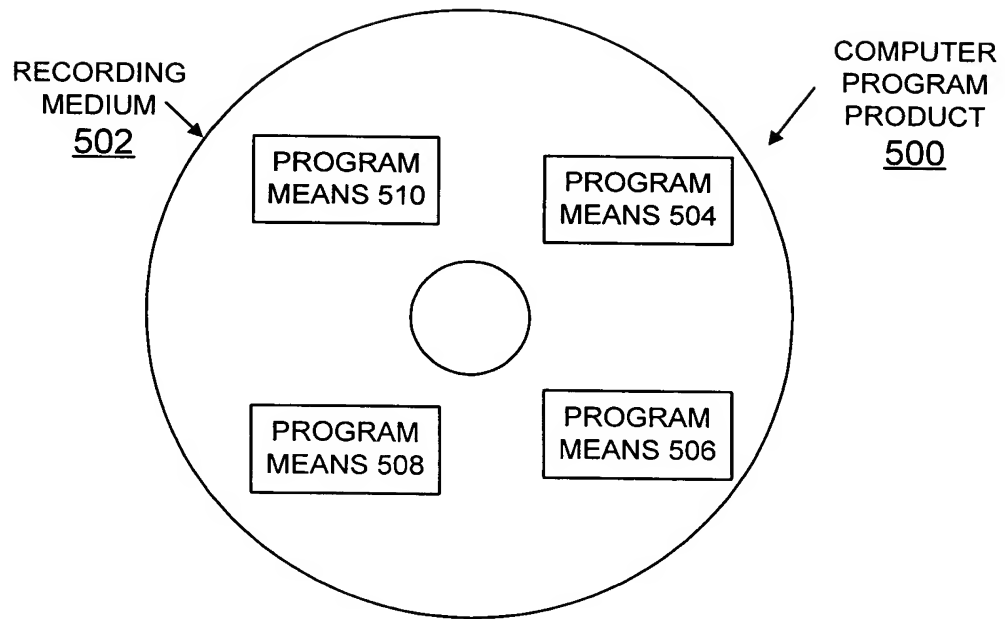


FIG. 5